



## GRIPTO-TECH PU 460-SYN

### PRODUCT DESCRIPTION:

GRIPTO-TECH PU 460 Syn is a synthetic, high-performance, long-life grease designed for fill-for-life applications across a wide range of industrial uses. Formulated with high-viscosity synthetic base stocks and advanced performance additives, it delivers exceptional durability and reliability. This grease offers excellent water resistance and protection against water washout, making it ideal for demanding environments. It is recommended for applications in the steel and paper industries, wind power systems, and heavy-duty, slow-moving plain and rolling element bearings operating under severe conditions.

### APPLICATIONS

GRIPTO-TECH PU 460 Syn grease is recommended for steel, paper, wind power applications as well as heavy duty slow moving plain and rolling element bearings operating in severe environments.

### PRODUCT ADVANTAGES

- The operating temperature range is -30°C to 150°C
- Outstanding high-temperature oxidation stability
- Excellent extreme pressure properties
- High dropping point
- Effective corrosion protection
- Long operational life

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
		1.5	2
NLGI Grade	ASTM D217	1.5	2
Thickener Type	-	Di- Urea	Di- Urea
Base Oil Type	-	Fully Synthetic	Fully Synthetic
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Light Brown	Light Brown
Work Penetration, 60 Strokes, 0.1mm	ASTM D217	305	265-295
Dropping Point °C, Min	ASTM D2265	250	250
Cu Corrosion	ASTM D4048	1b	1b
Oxidation Stability, Drop In Pressure, Psi	ASTM D942	max 5	max 5
Oil Separation, % Wt.	ASTM D6184	max 3	max 3
Operating Temperature Range °C	INTERNAL	-30 to 150	
Base Oil Viscosity @40°C (Cst)	ASTM D445	460	460

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.